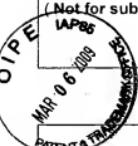


INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Not for submission under 37 CFR 1.99)</small> <small>IAP85</small>	Application Number	10721693
	Filing Date	2003-11-25
	First Named Inventor	William F. Kaemmerer
	Art Unit	1635
	Examiner Name	L. Wollenberger
	Attorney Docket Number	48169.00016/P0011089.00


U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code†	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	4683195		1987-07-28	Mullis et al.	
	2	4683202		1987-07-28	Mullis	
	3	4800159		1989-01-24	Mullis et al.	
	4	4888829		1989-12-26	Kleinerman et al.	
	5	4965188		1990-10-23	Mullis et al.	
	6	5236908		1993-08-17	Gruber et al.	
	7	5354326		1994-10-11	Comben et al.	
	8	5534350		1996-07-09	Liou	

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9	5624803	1997-04-29	Noonberg et al.	
10	5639275	1997-06-17	Baetge et al.	
11	5702716	1997-12-30	Dunn et al.	
12	5720720	1998-02-24	Laske et al.	
13	5735814	1998-04-07	Elsberry et al.	
14	5782892	1998-07-21	Castle et al.	
15	5800390	1998-09-01	Hayakawa et al.	
16	5814014	1998-09-29	Elsberry et al.	
17	5840059	1998-11-24	March et al.	
18	5882561	1999-03-16	Barsoum et al.	
19	5925310	1999-07-20	Nakayama et al.	

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Attorney Docket Number	48169.00016/P0011089.00

20	5942455	1999-08-24	Barsoum et al.	
21	5968059	1999-10-19	Ellis et al.	
22	5997525	1999-12-07	March et al.	
23	6042579	2000-03-28	Elisbury et al.	
24	6093180	2000-07-25	Elisbury	
25	6110459	2000-08-29	Mickle et al.	
26	6151525	2000-11-21	Soykan et al.	
27	6180613	2001-01-30	Kaplitt et al.	
28	6187906	2001-02-13	Gluckman et al.	
29	6231969	2001-05-15	Knight et al.	
30	6245884	2001-06-12	Hook	

**INFORMATION DISCLOSURE
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31	6281009	2001-08-28	Boyce	
32	6291243	2001-09-18	Fogarty et al.	
33	6294202	2001-09-25	Burns et al.	
34	6300539	2001-10-09	Morris	
35	6310048	2001-10-30	Kumar	
36	6313268	2001-11-06	Hook	
37	6319905	2001-11-20	Mandel et al.	
38	6343233	2002-01-29	Werner et al.	
39	6372250	2002-04-16	Pardridge	
40	6372721	2002-04-16	Neuman et al.	
41	6376471	2002-04-23	Lawrence, III et al.	

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	42	6436392		2002-08-20	Engelhardt et al.	
	43	6436708		2002-08-20	Leone et al.	
	44	6461989		2002-10-08	EI-Raghy et al.	
	45	6468524		2002-10-22	Chiorini et al.	
	46	6551290		2003-04-22	Elsberry et al.	
	47	6594880		2003-07-22	Elsberry	
	48	6609020		2003-08-19	Gill	
	49	6632671		2003-10-14	Unger	
	50	6659995		2003-12-09	Taheri	

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U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	10721693
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U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
1	6870030			2005-03-22	Powell et al.	
2	6945969			2005-09-20	Morris et al.	
3	7320965			2008-01-22	Sah et al.	
4	6309634			2001-10-30	Bankiewicz et al.	
5	6372250			2002-04-16	Pardridge	

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U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
1	20060009408			2006-01-12	Davidson et al.	

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2	20010027309	2001-10-04	Elisbury	
3	20010031947	2001-10-18	Heruth	
4	20020004038	2002-01-10	Baugh et al.	
5	20020068093	2002-06-06	Trogolo et al.	
6	20030078229	2003-04-24	Cooper et al.	
7	20030088236	2003-05-08	Johnson et al.	
8	20030095958	2003-05-22	Bhisetti et al.	
9	20030109476	2003-06-12	Kmiec et al.	
10	20030120282	2003-06-26	Scouten et al.	
11	20030143732	2009-03-20	Fosnaugh et al.	
12	20030152947	2003-08-14	Crossman	

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13	20030190635		2003-10-09	McSwiggen		
14	20030224512		2003-12-04	Dobie		
15	20040023390		2004-02-05	Davidson		
16	20040186422		2004-09-23	Rioux, Robert		
17	20040215164		2004-10-28	Abott, Chun Lim		
18	20040220132		2004-11-04	Kaemmerer, William F.		
19	20040258666		2004-12-23	Passini, Marco A.		
20	20040259247		2004-12-23	Tuschl, Thomas		
21	20040265849		2004-12-30	Cargill, Michele		
22	20040266707		2004-12-30	Leake, Devin		
23	20050032733		2005-02-10	McSwiggen, James		

**INFORMATION DISCLOSURE
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24	20050042646	2005-02-24	Davidson, Beverly L.	
25	20050048641	2005-03-03	Hildebrand, Keith	
26	20050137134	2005-06-23	Gill, Steven S.	
27	20050153353	2005-07-14	Meibohm, Bernd	
28	20050180955	2005-08-18	Bankiewicz, Krys	
29	20050202075	2005-09-15	Pardridge, William M.	
30	20050209179	2005-09-22	McSwiggen, James	
31	20050255086	2005-11-17	Davidson, Beverly L.	
32	20050282198	2005-12-22	Duff, Gordon W.	
33	20060014165	2006-01-19	Hackonarson, Hakon	
34	20060041242	2006-02-23	Stypulkowski, Paul H.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		Application Number	10721693
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	35	20060150747		2006-07-13	Mallett, Scott	
	36	20060224411		2006-10-05	Chang, Sheng-Yen	
	37	20060257912		2006-11-16	Kaemmerer, William F.	
	38	20070184029		2007-08-09	Mishra, Allan	
	39	20080113351		2008-05-15	Naito, Yuki	
	40	20090022864		2009-01-22	Steenhof, Vincent Jan	
	41	20020114780		2002-08-22	Bankiewicz, Krys	
	42	20020141980		2002-10-03	Bankiewicz, Krys	
	43	20020187127		2002-12-12	Bankiewicz, Krys	

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FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	Ts

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U.S.PATENTS

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U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20030092003		2003-05-15	Blatt et al.	
	2	20030175772		2003-09-18	Wang, Jiwu	
	3	20040018520		2004-01-29	Thompson, James	
	4	20040023390		2004-02-05	Davidson et al.	
	5	20040023855		2004-02-05	John et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		Application Number	10721693
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6	20050096284		2005-05-05	McSwiggen, James	
7	20060210538		2006-09-21	Kaplitt et al.	
8	20070031844		2007-02-08	Khvorova et al.	
9					

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FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	19938960	DE					<input type="checkbox"/>
	2	2004232811	JP					<input type="checkbox"/>
	3	WO2005116204	WO		2005-08-12	RNAi Co., Ltd.		<input type="checkbox"/>
	4	WO2008021157	WO		2008-02-21	Stewart et al.		<input type="checkbox"/>

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NON-PATENT LITERATURE DOCUMENTS

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		Application Number	10721693
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FOREIGN PATENT DOCUMENTS

Examiner Initial ¹	Cite No	Foreign Document Number ³	Country Code ² ¹	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	WO2007139811	WO		2007-12-06	Medtronic, Inc.		<input type="checkbox"/>
	2	WO200205804	WO		2002-01-24	Smithkline Beecham		<input type="checkbox"/>
	3	WO2003030567	WO		2000-06-02	Healthshield Tech. LLC		<input type="checkbox"/>
	4	WO2000604505	WO		2000-11-02	Healthshield Tech. LLC		<input type="checkbox"/>
	5	WO200622639	WO		2006-03-02	Applera Corporation		<input type="checkbox"/>
	6	WO200116312	WO		2001-03-08	Ribozyme Pharma.		<input type="checkbox"/>
	7	WO2001049844	WO		2001-07-12	Rutgers		<input type="checkbox"/>
	8	WO200160794	WO		2001-08-23	The Reg. of Univ. Cal.		<input type="checkbox"/>

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9	WO200170276	WO		2001-09-27	US Government		<input type="checkbox"/>
10	WO200180840	WO		2001-11-01	BTG Int'l. Limited		<input type="checkbox"/>
11	WO200191801	WO		2001-12-06	Chiron Corporation		<input type="checkbox"/>
12	WO200207810	WO		2020-01-31	Medtronic, Inc.		<input type="checkbox"/>
13	WO200222177	WO		2002-03-21	Reg. of Univ. of Cal.		<input type="checkbox"/>
14	WO200342385	WO		2003-05-23	Epiclore, Inc.		<input type="checkbox"/>
15	WO2003047676	WO		2003-06-12	Medtronic, Inc.		<input type="checkbox"/>
16	WO2003053516	WO		2003-07-03	Medtronic, Inc.		<input type="checkbox"/>
17	WO2003070895	WO		2003-08-28	Ribozyme Pharma.		<input type="checkbox"/>
18	WO2003099298	WO		2003-12-04	Maxplanck....		<input type="checkbox"/>
19	WO2003102131	WO		2003-12-11	SIRNA Therapeutics		<input type="checkbox"/>

**INFORMATION DISCLOSURE
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20	WO2004010787	WO		2004-02-05	Nissei Kab. Kaisha		<input type="checkbox"/>
21	WO2004013280	WO		2004-02-12	Univ. of Iowa R.F.		<input type="checkbox"/>
22	WO2004041101	WO		2004-05-21	Medtronic, Inc.		<input type="checkbox"/>
23	WO2004047872	WO		2004-06-10	Medtronic, Inc.		<input type="checkbox"/>
24	WO2004058940	WO		2004-07-15	Univ. of Iowa R.F.		<input type="checkbox"/>
25	WO2004084955	WO		2004-10-07	Medtronic, Inc.		<input type="checkbox"/>
26	WO2004098648	WO		2004-11-18	Genzyme Corporation		<input type="checkbox"/>
27	WO2004101063	WO		2004-11-25	Medtronic, Inc.		<input type="checkbox"/>
28	WO2005027980	WO		2005-03-31	Univ. of Mass.		<input type="checkbox"/>
29	WO2005045034	WO		2005-05-19	Sima Therapeutics		<input type="checkbox"/>
30	WO2005120581	WO		2005-12-22	Genzyme Corporation		<input type="checkbox"/>

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31	WO2007039721	WO		2007-04-12	Astrazeneca AB		<input type="checkbox"/>
32	WO2007087451	WO		2007-08-02	Univ. of Mass.		<input type="checkbox"/>
33	WO2008004260	WO		2008-01-10	Biorigen s.r.l.		<input type="checkbox"/>
34	WO2008005562	WO		2007-07-09	Univ. of Mass.		<input type="checkbox"/>
35	WO2008143774	WO		2008-11-27	Univ. of Mass.		<input type="checkbox"/>
36	WO200846273	WO		2008-04-24	Huicai Wang		<input type="checkbox"/>
37	WO2004007718	WO		2004-01-22	Max Planck-Gellschaft...		<input type="checkbox"/>
38	WO2004013355	WO		2004-02-12	Univ. of Iowa		<input type="checkbox"/>
39	WO199220400	WO		1992-11-26	Sumitomo Pharma.		<input type="checkbox"/>
40	WO199323569	WO		1993-11-25	Ribozyme Phama.		<input type="checkbox"/>
41	WO199402595	WO		1994-02-03	Ribozyme Pharma.		<input type="checkbox"/>

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Attorney Docket Number	48169.00016/P0011089.00

	42	WO199618736	WO		1996-06-20	Ribozyme Pharma.		<input type="checkbox"/>
	43	WO199740847	WO		1997-11-06	Medtronic, Inc.		<input type="checkbox"/>
	44	WO199846273	WO		1998-10-22	Paola Leone et al.		<input type="checkbox"/>
	45	WO199846740	WO		1998-10-22	Antivirals, Inc.		<input type="checkbox"/>
	46	WO199939744	WO		1999-08-12	Ohio State Univ.		<input type="checkbox"/>
	47	WO199950300	WO		1999-10-07	The Trustees of PA Univ.		<input type="checkbox"/>

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
	1	Aebisher, Trends in Neurosci. 24(9) 553-540 (Sept. 2001)	<input type="checkbox"/>
	2	ALTSCHUL et al., "Gapped BLAST and PSO-BLAST: a new generation of protein database search programs," Nucl. Acids Res., 25(17): 3389-3402 (1997)	<input type="checkbox"/>
	3		<input type="checkbox"/>

**INFORMATION DISCLOSURE
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Attorney Docket Number	48169.00016/P0011089.00

4	Ambion Inc., pSilencer™ 1.0-U6 siRNA Expression Vector, Catalog # 7207-20 µg, November 2004, Austin, TX, 6 pgs.	<input type="checkbox"/>
5	Ambion Technical Bulletin #506 (as published on Nov. 16, 2002) downloaded from www.archive.org	<input type="checkbox"/>
6	Ambion, Inc., Silencer siRNA® Construction Kit, Cat. #1620, Instruction Manual, August 2005, 36 pgs.	<input type="checkbox"/>
7	AUSUBEL et al., Eds., Current Protocols in Molecular Biology, Vols 1-3, John Wiley & Sons, Inc., New York, NY, 1994; title page, publisher's page and table of contents only, 14 pgs.	<input type="checkbox"/>
8	BASI et al., "Antagonistic Effects of β -site Amyloid Precursor Protein-cleaving Enzymes 1 and 2 on β - Amyloid Peptide Production in Cells," J. Bio. Chem., Published, JBC Papers in Press, June 2003; 278(34): 31512-31520	<input type="checkbox"/>
9	Bass et al., Nature 411: 428-429 (2001)	<input type="checkbox"/>
10	Bertrand et al., Biochem Biophys Res Comm 296: 1000-1004 (2002)	<input type="checkbox"/>
11	Bodendorf et al., J. Neurochem. 80(5), 799-806 (Mar. 2002)	<input type="checkbox"/>
12	BOILLÉE et al., "Gene therapy for ALS deliver," Trends in Neurosciences, May 2004; 27(5): 235-238	<input type="checkbox"/>
13	BORTOLIN, Susan et al., "Analytical validation of the tag-it high-throughput microsphere-based universal array genotyping platform. Application to the multiplex detection of a panel of thrombophilia-associates single-nucleotide polymorphisms." American Association for Clinical Chemistry Vol 50(11) 2028-2036 (2004)	<input type="checkbox"/>
14	Brentano et al., P.N.A.S. 89:4099-4103 (1992)	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

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Attorney Docket Number	48169.00016/P0011089.00

15	Brummelkamp et al., <i>Science</i> 296: 550-553 (2002)	<input type="checkbox"/>
16	Burger et al., <i>Mol. Ther.</i> 10(2) 302-317 (Aug. 2004)	<input type="checkbox"/>
17	Cahill et al <i>Atlas of Human Cross-Sectional Anatomy</i> Wiley-Liss, 3rd Ed. (1995)	<input type="checkbox"/>
18	Cai et al., <i>Nat. Neurosci.</i> 4(3) 233-234 (2004)	<input type="checkbox"/>
19	Callahan <i>Am. J. Pathol.</i> 158(3) 1173-1177 (2001)	<input type="checkbox"/>
20	Caplen et al, <i>Human Mol. Genet.</i> 11(2) 175-184 (2002)	<input type="checkbox"/>
21	Chen et al., <i>Nucl. Acid. Res.</i> 20, 4581-4589 (1992)	<input type="checkbox"/>
22	CHI et al., "Genomewide view of gene silencing by small interfering RNAs," <i>Proc. Natl. Acad. Sci. USA</i> , May 2003; 100 (11): 6343-6346	<input type="checkbox"/>
23	Chowhira et al., <i>J. Biol. Chem.</i> 269, 25856-25863 (1994)	<input type="checkbox"/>
24	Christman, <i>Tissue Engineering</i> (10) 403-409 (2004)	<input type="checkbox"/>
25	Cioffi et al., <i>Biochem J.</i> 365: 833-840 (2002)	<input type="checkbox"/>

**INFORMATION DISCLOSURE
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26	Clark et al., Annals Int. Med. 138 400-411 (2003)	<input type="checkbox"/>
27	Clark et al., J. Neurosci. 17(19) 7385-7395 (1997)	<input type="checkbox"/>
28	Cleary et al., Nat. Neurosci. 8(1) 79-84 (ePub Dec. 19, 2004)	<input type="checkbox"/>
29	Couture et al., Trends in Genetics, 12(12) 510-515 (Dec. 1996)	<input type="checkbox"/>
30	Dai et al., Developmental Biology 285:80-90 (2005)	<input type="checkbox"/>
31	Davidson et al., The Lancet, Neurology 3, 145-149 (2004)	<input type="checkbox"/>
32	Demetriades J. Neurolog. Sci. 203-204, 247-251 (2002)	<input type="checkbox"/>
33	Dineley, J. Biol. Chem. 277 (25) 22768-22780 (2002)	<input type="checkbox"/>
34	Dorri et al., Exp. Neurology 147 48-54 (1997)	<input type="checkbox"/>
35	Dropulic et al., J. Virol. 66(1) 1432-1441 (1992)	<input type="checkbox"/>
36	DURING et al., "Subthalamic GAD GeneTransfer in Parkinson's Disease Patients Who Are Candidates for Deep Brain Stimulation," Human Gene Therapy, August 2001; 12(12): 1587-1598	<input type="checkbox"/>

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37	ElBashir, EMBOJ 20(23) 6877-6888 (2001)	<input type="checkbox"/>
38	Ezrin-Waters et al., Can. J. Neurol. Sci. 13, 8-14 (1986)	<input type="checkbox"/>
39	Fu et al., Mo. Ther. 8(6) 911-917 (Dec. 2003)	<input type="checkbox"/>
40	Gau, Am. J. Pathol., 160(2) 731-738 (2002)	<input type="checkbox"/>
41	GeneDetect.com Limited, Code GD100X-RV, (GeneDetect rAVE™ gene delivery reagent), copyright 2000-2002, Auckland, New Zealand, 2 pgs.	<input type="checkbox"/>
42	GERAERTS et al., Concise Review: Therapeutic Strategies for Parkinson Disease Based on Modulation of Adult Neurogenesis. Stem Cells, November 2, 2006, Vol. 25, No. 2, pages 263-270.	<input type="checkbox"/>
43	Gerlai Behav. Brain Res. 95 191-203 (1998)	<input type="checkbox"/>
44	Glorioso, Curr. Opinion in Drug Discovery & Dev't 5(2) Pharma Press ISSN 1367-6733 (2002)	<input type="checkbox"/>
45	Good et al., Gene Ther. 4: 45-54 (1997)	<input type="checkbox"/>

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	1	Goto et al., Neurology, 60(5) Suppl. 1 p. A286 (Mar 11, 2003)	<input type="checkbox"/>
	2	Harrison et al., Mol. Cel. Neurosci. 24(3) 646-655 (2003)	<input type="checkbox"/>
	3	Hartlage-Rubsamen et al., Glia 41(2) 169-179 (Dec. 28, 2002)	<input type="checkbox"/>
	4	Heale et al., Nucl. Acid. Res. 22(3), 2005	<input type="checkbox"/>
	5	Holen et al., Nucl. Acid Res. 30:1757-1766 (2002)	<input type="checkbox"/>
	6	HOMMEL et al., "Local gene knockdown in the brain using viral-mediated RNA interference," Nature Medicine, December 2003; 9(12), 1539-1544	<input type="checkbox"/>
	7	Hommel et al., Society for Neuroscience Abstract, 2003, Abstract 325.14 (2003).	<input type="checkbox"/>
	8	Hooper et al., Neuroscience 63, 917-924 (1995)	<input type="checkbox"/>
	9	Hsiao et al, Science 274 99-102(1996)	<input type="checkbox"/>
	10	Hwylyer et al., "Brain drug delivery of small molecules using immunoliposomes," Proc. Natl. Acad., USA, November 1996;93:14164-14169.	<input type="checkbox"/>

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11	Invitrogen, pShooter™ Vector (pCMV/myc® vectors). For the intracellular targeting of recombinant proteins and antibodies, Catalog nos. V820-20, V821-20, V822-20, V823-20, Version E, copyright 1998-2001, 35 pgs.	<input type="checkbox"/>
12	Invitrogen, pTRACER™-CMV2, Catalog nos. V885-01, V885-20, Version C, copyright 1998-2001, 21 pgs.	<input type="checkbox"/>
13	Isacson et al., Scandinavian Physiol. Society 179 173-177 (2003)	<input type="checkbox"/>
14	Izant et al., Science 299 345 (1985)	<input type="checkbox"/>
15	Kaemmerer et al., Soc. Neurosci. Meeting (October 26, 2004)	<input type="checkbox"/>
16	KAO et al., "BACE1 Suppression by RNA Interference in Primary Cortical Neurons," J. Bio. Chem., Published, JBC Papers in Press, November 2003, 2004; 279(3): 1942-1949	<input type="checkbox"/>
17	Kashani-Sabet et al., Antisense Res. Dev. 2: 3-15 (1992)	<input type="checkbox"/>
18	Katz et al., Bioessays 11(6): 181-185 (Dec. 1989)	<input type="checkbox"/>
19	Kawarabayashi et al., J. Neurosci. 372-381 (2001)	<input type="checkbox"/>
20	Kenderell et al., (2000) Nat. Biotech. 17, 896-898 (2000)	<input type="checkbox"/>
21	King et al., Physiology & Behavior, 75: 627-642, 2002	<input type="checkbox"/>

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22	Kitabwala et al., New England J. Med. 347(17) 1364-1367 (Oct 24, 2002)	<input type="checkbox"/>
23	Kitazume J. Biol. Chem. 280(9) 8589-8595 (Mar. 4, 2005)	<input type="checkbox"/>
24	Klement et al., Cell 95 41-53 (1998)	<input type="checkbox"/>
25	L'Huillier et al., EMBO J. 11(12), 4411-4418 (1992)	<input type="checkbox"/>
26	Laird et al., J. Neurosci. 25, 11693-11709 (Dec. 14, 2005)	<input type="checkbox"/>
27	Le Gal La Salle et al, Science 259, 988-990 (1993)	<input type="checkbox"/>
28	Li et al., Mol. Cell Bio. 22 (5) 1277-1287 (2002)	<input type="checkbox"/>
29	Lisziewicz et al., Proc. Nat. Acad. Sci 90 8000-8004 (Sept 1993)	<input type="checkbox"/>
30	Liu et al., Proc. Japan Academy, Series B, Physical and Biol. Sciences 79(10) 293-298 (Dec. 1993)	<input type="checkbox"/>
31	Luo et al., Neurobiol. Dis. 14(1), 81-88 (Oct. 2003)	<input type="checkbox"/>
32		<input type="checkbox"/>

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			<input type="checkbox"/>
33	Luo, Nat. Neurosci. 4, 231-232 (2001)		<input type="checkbox"/>
34	MACDONALD, M. et al., "A novel gene containing a trinucleotide repeat that is expanded and unstable on huntington's disease chromosomes," Cell, Vol. 72, 971-983 (1993)		<input type="checkbox"/>
35	MAS-MONTEYS, A. et al., "Allele-Specific silencing of mutant huntingtin for huntington's disease therapy", Molecular Therapy 13: S274-S275 (2006)		<input type="checkbox"/>
36	Matilla et al., J. Neurosci 18, 5508-5516 (1998)		<input type="checkbox"/>
37	McGarry et al., Proc. Natl Acad. Sci. 83, 399-403 (1986)		<input type="checkbox"/>
38	McManus et al., Nature Reviews/Genetics 3, 737-747 (Oct. 2002)		<input type="checkbox"/>
39	Menei et al Neurosurgery 34: 1058-1064 (1994)		<input type="checkbox"/>
40	Messier et al., Pharm. Biochem. Behavior 63 313-318 (1999)		<input type="checkbox"/>
41	Miller et al Proc. Nat. Acad. Sci. 100(12) 7195-7200 (June 10 2003)		<input type="checkbox"/>
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44	Mogan et al., JECT 36: 191-196 (2004)	<input type="checkbox"/>
45	Morel et al., J. Comparative Neurology 387, 588-630 (1997)	<input type="checkbox"/>
46	Mucke et al., J. Neurosci. 20(11) 4050-4058 (Jun. 1, 2000)	<input type="checkbox"/>
47	Naldini et al., Proc. Nat. Acad. Sci. 93, 11382-11388 (Oct. 1996)	<input type="checkbox"/>
48	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, "What does NCBI do?" [online]. Bethesda, MD [retrieved on 2005-12-05]. Revised December 2005. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov>; 2 pgs.	<input type="checkbox"/>
49	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus AF163864, Accession No. AF163864, "Homo sapiens SNCA isoform (SNCA) gene, complete cds, alternatively spliced." [online]. Bethesda, MD [retrieved on 2004-06-21]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=11118351>; 43 pgs.	<input type="checkbox"/>
50	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus AF163865, Accession No. AF163865, "Mus musculus alpha-synuclein (Snca) gene, complete cds." [online]. Bethesda, MD [retrieved on 2004-06-21]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=11118354>; 33 pgs.	<input type="checkbox"/>

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1	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus AH003045, Accession No. AH003045, "Homo sapiens huntingtin (HD) gene, exon 1," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=663286 >; 42 pgs. <input type="checkbox"/>
2	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000027, Accession No. NM_000027, "Homo sapiens aspartylglucosaminidase (AGA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=32313568 >; 4 pgs. <input type="checkbox"/>
3	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000046, Accession No. NM_000046, "Homo sapiens arylsulfatase B (ARSB), transcript variant 1, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=38569404 >; 4 pgs. <input type="checkbox"/>
4	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000049, Accession No. NM_000049, "Homo sapiens aspartoacylase (aminoacylase 1, Canavan disease) (ASPA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4557334 >; 4 pgs. <input type="checkbox"/>
5	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000147, Accession No. NM_000147, "Homo sapiens fucosidase, alpha-L1, tissue (FUCAL1), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=24475878 >; 3 pgs. <input type="checkbox"/>
6	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000152, Accession No. NM_000152, "Homo sapiens glucosidase, alpha; acid (Pompe disease, glycogen storage disease type II) (GAA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=11496988 >; 4 pgs. <input type="checkbox"/>
7	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000153, Accession No. NM_000153, "Homo sapiens galactosylceramidase (Krabbe disease) (GALC), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4557612 >; 5 pgs. <input type="checkbox"/>
8	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000157, Accession No. NM_000157, "Homo sapiens glucosidase, beta; acid (includes glucosylceramidase) (GBA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4503934 >; 7 pgs. <input type="checkbox"/>
9	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000158, Accession No. NM_000158, "Homo sapiens glucan (1,4-alpha-), branching enzyme 1 (glucogen branching enzyme, Andersen disease, glycogen storage disease type IV/V/GBE1), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4557618 >; 2 pgs. <input type="checkbox"/>
10	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000181, Accession No. NM_000181, "Homo sapiens glucuronidase, beta (GUSB), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4504222 >; 4 pgs. <input type="checkbox"/>
11	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000199, Accession No. NM_000199, "Homo sapiens N-sulfofucosamine sulfohydrolase (sulfamidase) (SGSH), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=31543619 >; 3 pgs. <input type="checkbox"/>

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12	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000202, Accession No. NM_000202, "Homo sapiens iduronate 2-sulfatase (Hunter syndrome)(ID), transcript variant 1, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=5360215>; 8 pgs. <input type="checkbox"/>
13	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000203, Accession No. NM_000203, "Homo sapiens iduronidase, alpha-L-(IDUA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=40354208>; 6 pgs. <input type="checkbox"/>
14	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000235, Accession No. NM_000235, "Homo sapiens lipase A, lysosomal acid, cholesterol esterase (Wolman disease) (LIPA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4557720>; 4 pgs. <input type="checkbox"/>
15	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000262, Accession No. NM_000262, "Homo sapiens N-acetylgalactosaminidase, alpha- (NAGA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4557780>; 4 pgs. <input type="checkbox"/>
16	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000263, Accession No. NM_000263, "Homo sapiens N-acetylglucosaminidase, alpha- (Sanfilippo disease) (IIIB)(NAGLU), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=40548380>; 4 pgs. <input type="checkbox"/>
17	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000310, Accession No. NM_000310, "Homo sapiens palmitoyl-protein thioesterase 1 (ceroid-lipofuscinosis, neuronal 1, infantile) (PPT1), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=45066030>; 4 pgs. <input type="checkbox"/>
18	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000332, Accession No. NM_000332, "Homo sapiens spinocerebellar ataxia 1 (olivopontocerebellar ataxia 1, autosomal dominant, ataxin 1) (SCA1), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4506792>; 7 pgs. <input type="checkbox"/>
19	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000345, Accession No. NM_000345, "Homo sapiens synuclein, alpha (nonA component of amyloid precursor) (SNCA), transcript variant NACP140, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=6806896>; 6 pgs. <input type="checkbox"/>
20	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000404, Accession No. NM_000404, "Homo sapiens galactosidase, beta 1 (GLB1), transcript variant 179423, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=10834965>; 5 pgs. <input type="checkbox"/>
21	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000434, Accession No. NM_000434, "Homo sapiens sialidase 1 (lysosomal sialidase)(NEU1), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=40806202>; 5 pgs. <input type="checkbox"/>
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24	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000512, Accession No. NM_000512, "Homo sapiens galactosamine (N-acetyl)-6-sulfate sulfatase (Morquio syndrome, mucopolysaccharidosis type IV A), (GALNS), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.cgi?db=nucleotide&val=9945384 >; 4 pgs.	<input type="checkbox"/>
25	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000520, Accession No. NM_000520, "Homo sapiens hexosaminidase A (alpha polypeptide) (HEXA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.cgi?db=nucleotide&val=13128865 >; 5 pgs.	<input type="checkbox"/>
26	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000521, Accession No. NM_000521, "Homo sapiens hexosaminidase B (beta polypeptide) (HEXB), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.cgi?db=nucleotide&val=13128866 >; 6 pgs.	<input type="checkbox"/>
27	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000528, Accession No. NM_000528, "Homo sapiensmannosidase, alpha, class 2B, member 1 (MAN2B1), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.cgi?db=nucleotide&val=10834967 >; 4 pgs.	<input type="checkbox"/>
28	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000543, Accession No. NM_000543, "Homo sapiens sphingomyelin phosphodiesterase 1 acid lysosomal (acid sphingomyelinase) (SMPD1), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.cgi?db=nucleotide&val=40254417 >; 5 pgs.	<input type="checkbox"/>
29	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_002076, Accession No. NM_002076, "Homo sapiens glucosamine (N-acetyl)-6-sulfatase (Sanfilippo disease)(I/IIID)(GNS), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.cgi?db=nucleotide&val=42490755 >; 7 pgs.	<input type="checkbox"/>
30	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_0022778, Accession No. NM_0022778, Accession No. NM_000169, "Homo sapiens galactosidase, alpha (GLA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.cgi?db=nucleotide&val=4504008 >; 4 pgs.	<input type="checkbox"/>
31	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_002778, Accession No. NM_002778, "Homo sapiens proaspofin (variant Gaucher disease and variant metachromatic leukodystrophy) (PSAP), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.cgi?db=nucleotide&val=11386146 >; 8 pgs.	<input type="checkbox"/>
32	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_004315, Accession No. NM_004315, "Homo sapiens N-acylsphingosine amidohydrolase (acid ceramidase) 1 (ASAHI), transcript variant 2, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.cgi?db=nucleotide&val=30089929 >; 5 pgs.	<input type="checkbox"/>
33	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_004993, Accession No. NM_004993, "Homo sapiens Machado-Joseph disease (spinocerebellar ataxia 3, olivopontocerebellar ataxia 3, autosomal dominant, ataxin 3) (MJD), transcript variant 1, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.cgi?db=nucleotide&val=13518018 >; 9 pgs.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
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34	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_005908, Accession No. NM_005908, "Homo sapiens mannosidase, beta A, lysosomal (MANBA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=24797157 >; 4 pgs. <input type="checkbox"/>
35	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_007308, Accession No. NM_007308, "Homo sapiens synuein, alpha (nonA4 component of amyloid precursor) (SNCA), transcript variant NACP112, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=6806897 >; 5 pgs. <input type="checkbox"/>
36	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_009124, Accession No. NM_009124, "DEFINITION," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=33636695 >; 5 pgs. <input type="checkbox"/>
37	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_011792, Accession No. NM_011792, Version NM_011792.2, "Mus musculus beta-site APP cleaving enzyme 1 (Bace 1), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=31981411 >; 5 pgs. <input type="checkbox"/>
38	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_011792.2, Accession No. NM_011792, "Mus musculus beta-site APP cleaving enzyme (Bace), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=6857758 >; 4 pgs. <input type="checkbox"/>
39	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_012104, Accession No. NM_012104, "Homo sapiens beta-site APP-cleaving enzyme 1 (BACE1), transcript variant a, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=46255011 >; 8 pgs. <input type="checkbox"/>
40	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_012104, Accession No. NM_012104, Version NM_012104.2, "Homo sapiens beta-site APP-cleaving enzyme (BACE), transcript variant a, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=21040369 >; 10 pgs. <input type="checkbox"/>
41	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_013995, Accession No. NM_013995, "Homo sapiens lysosomal-associated membrane protein 2 (LAMP2), transcript variant LAMP2B, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=7669502 >; 6 pgs. <input type="checkbox"/>
42	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_030660, Accession No. NM_030660, "Homo sapiens Machado-Joseph disease (spinocerebellar ataxia 3, olivopontocerebellar ataxia 3, autosomal dominant, ataxin 3) (MJD), transcript variant 2, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=13518012 >; 8 pgs. <input type="checkbox"/>
43	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_032520, Accession No. NM_032520, "Homo sapiens N-acetylglucosamine-1-phototransferase, gamma subunit (GNPTAG), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=42476109 >; 5 pgs. <input type="checkbox"/>
44	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_138971, Accession No. NM_138971, "Homo sapiens beta-site APP-cleaving enzyme 1 (BACE1), transcript variant c, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=46255012 >; 8 pgs. <input type="checkbox"/>

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45	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_138971, Accession No. NM_138971, Version NM_138971.1, "Homo sapiens beta-site APP-cleaving enzyme (BACE), transcript variant c, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=21040363 >; 10 pgs. <input type="checkbox"/>
46	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_138972, Accession No. NM_138972, Version NM_138972.1, "Homo sapiens beta-site APP-cleaving enzyme 1 (BACE1), transcript variant b, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=46255013 >; 8 pgs. <input type="checkbox"/>
47	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_138972, Accession No. NM_138972, Version NM_138972.1, "Homo sapiens beta-site APP-cleaving enzyme (BACE), transcript variant b, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=21040365 >; 10 pgs. <input type="checkbox"/>
48	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_138973, Accession No. NM_138973, "Homo sapiens beta-site APP-cleaving enzyme 1 (BACE1), transcript variant d, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=46255014 >; 8 pgs. <input type="checkbox"/>
49	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_138973, Accession No. NM_138973, Version NM_138973.1, "Homo sapiens beta-site APP-cleaving enzyme (BACE), transcript variant d, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=21040367 >; 10 pgs. <input type="checkbox"/>
50	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus U24233, Accession No. U24233, "Mus musculus huntingtin (Hd) mRNA, complete cds," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=902003 >; 5 pgs. <input type="checkbox"/>

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1	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus XM_032588, Accession No. XM_032588, "homo sapiens dentatorubral-pallidoluysian atrophy (atrophin-1) (DRPLA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=20555988>; 3 pgs. <input type="checkbox"/>
2	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus XM_132846, Accession No. XM_132846, "Mus musculus dentatorubral pallidoluysian atrophy (Drpia) mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=20832263>; 3 pgs. <input type="checkbox"/>
3	Noonberg et al., Nucl. Acid Res. 22(14) 2830-2836 (1994) <input type="checkbox"/>
4	Noordmans et al., Soc. Neurosci. Abstr. 27, Program 572.14 (2001) <input type="checkbox"/>
5	Ohkawa Nucl. Acid. Symp. Ser. 27, 15-16 (1992) <input type="checkbox"/>
6	OHNO et al., "BACE1 Deficiency Rescues Memory Deficits and Cholinergic Dysfunction in a Mouse Model of Alzheimer's Disease," Neuron, January 2004; 41: 27-33 <input type="checkbox"/>
7	Ojwang et al., Proc. Nat. Acad. Sci. 89 10802-10806 <input type="checkbox"/>
8	Paxinos et al The Mouse Brain in Stereotaxic Coordinates, Acad. Press 2nd Ed. (2001) <input type="checkbox"/>
9	POTTER, N. T. et al., "Technical standards and guidelines for huntington disease testing," Genetics in Medicine 6:61-65 (2004) <input type="checkbox"/>
10	Promega Corporation, T4 DNA Ligase Blue/White Cloning Qualified, Part# 9PIM180, Revised 4/05, 2 pgs <input type="checkbox"/>
11	Promega Corporation, T4 DNA Polymerase(a) , Part# 9PIM421, Revised 5/04, 2 pgs <input type="checkbox"/>

**INFORMATION DISCLOSURE
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Attorney Docket Number	48169.00016/P0011089.00

12	Qiagen, Qiaex II Handbook, February 1999, 24 pgs.	<input type="checkbox"/>
13	Qiagen, Rneasy Mini Handbook, 3rd Edition, June 2001, 116 pgs.	<input type="checkbox"/>
14	R&D Systems, β -Secretase Activity Kit, Catalog Number FP002, 08/02, 2 pgs.	<input type="checkbox"/>
15	ROBERDS et al., "BACE knockout mice are healthy despite lacking the primary β -secretase activity in brain: implications for Alzheimer's disease therapeutics," Human Molecular Genetics, June 2001; 10(12): 1317-1324	<input type="checkbox"/>
16	Ryu, Biomaterials 26: 319-326 (2005)	<input type="checkbox"/>
17	Salehi et al., J. Neural Transm. 106 955-986 (1999)	<input type="checkbox"/>
18	Sapru et al., Annual Meeting Soc. Neurosci. Abstract 297.9, XP001204566 (2003)	<input type="checkbox"/>
19	Surver et al., Science 247, 1222-1225 (1990)	<input type="checkbox"/>
20	Scanlon et al., Proc. Nat. Acad. Sci. 88, 10591-10595 (1995)	<input type="checkbox"/>
21	SCHENK, "Amyloid- β immunotherapy for Alzheimer's disease: the end of the beginning," Nature Reviews - Neuroscience, October 2002; 3: 824-828	<input type="checkbox"/>
22	Scherr et al., Cell Cycle 2(3) 251-257 (2003)	<input type="checkbox"/>

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23	Serra et al., Medical Image Analysis 1(4) 317-329 (1996)	<input type="checkbox"/>
24	Singer et al., Nat. Neurosci. 8(10) 1343-1349 (ePub Aug 28, 2005)	<input type="checkbox"/>
25	Stackman et al., Experimental Neurology 184, 510-520 (2003)	<input type="checkbox"/>
26	Stratogene, AAV Helper-Free System, Instruction Manual, Catalog #240071, #240074, #240075, Revision #084007i, August 2004, 50 pgs	<input type="checkbox"/>
27	Stratogene, pBluescript® II Phagemid Vectors, Instruction Manual, Catalog #212205, #212206, #212207, #212208, Revision #083001m, August 2003, 35 pgs	<input type="checkbox"/>
28	Sullenger, Science 262, p. 1566 (12.03.1993)	<input type="checkbox"/>
29	Taira et al., Nucl. Acid. Res. 19(19) 5125-5130 (1991)	<input type="checkbox"/>
30	Thompson et al., Nucl. Acid. Res. 23(12), 2259 (1995)	<input type="checkbox"/>
31	Timson et al., Biochem J 363:515-520 (2002)	<input type="checkbox"/>
32		<input type="checkbox"/>
33		<input type="checkbox"/>

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34	Tuschl Lab, "The siRNA user guide," Revised May 2004, [online]. Retrieved on 2005-11-29. Retrieved from the Internet: <URL:rockefeller.edu/labheads/tuschl/sirna.html>; 6 pgs.	<input type="checkbox"/>
35	Valbonesi et al., Transf. And Apheresis Sci. 30: 153-156 (2004)	<input type="checkbox"/>
36	VAN BILSEN et al., "Identification and allele-specific silencing of the mutant huntingtin allele in Huntington's disease patient-derived fibroblasts," Human Gene Therapy, Vol. 19, pp. 710-718 (2008)	<input type="checkbox"/>
37	Vassar et al., Science 286 735-741 (1999)	<input type="checkbox"/>
38	Ventura et al., Nucl. Acid. Res. 21(14) 3249-3255 (1993)	<input type="checkbox"/>
39	Vickers, Journal of Bio. Chemistry, Vol. 278, No. 9 7108-7118 (2003)	<input type="checkbox"/>
40	Watanabe et al., J. Mol. Cel. Card. 37 (3) 691-698 (2004)	<input type="checkbox"/>
41	Weerasinghe et al., J. Virol. 65(10), 5531-3334 (1991)	<input type="checkbox"/>
42	Whitesell et al., Proc. Nat. Acad. Sci. 90: 4665-4669 (1993)	<input type="checkbox"/>
43	Xia et al., Nat. Biotech. 20, 1006-1010 (2002)	<input type="checkbox"/>
44	Xia et al., Nat. Med. 10(8) 816-820 (2004)	<input type="checkbox"/>

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45	Yamamoto et al., Cell 101, 57-66 (2000)	<input type="checkbox"/>
46	Yu et al., Proc. Nat. Acad. Sci. 90 6340-6344 (1993)	<input type="checkbox"/>
47	Yu et al., Proc. Nat. Acad. Sci. 99 6047-6052 (2002)	<input type="checkbox"/>
48	Zhang et al., "Global Non-Viral Gene Transfer to the Primate Brain Following Intravenous Administration," Molecular Therapy, January 2003; 7(1): 11-18.	<input type="checkbox"/>
49	Zhang et al., "In vivo knockdown of gene expression in brain cancer with intravenous RNAi in adult rats," J. Gene Med., 2003; 5:1039-1045; published online 4 August 2003.	<input type="checkbox"/>
50	Zhang et al., "Intravenous RNA Interference Gene Therapy Targeting the Human Epidermal Growth Factor Receptor Prolongs Survival in Intracranial Brain Cancer," Clinical Cancer Research, June 1, 2004; 10:3667-3677.	<input type="checkbox"/>

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1	Zhang et al., 1996 J. Mol. Neurosci. 7: 13-28 (1996)	<input type="checkbox"/>
2	Zhao et al., J. Biol. Chem. 271(49), 31407-31411 (Dec. 1996).	<input type="checkbox"/>
3	Zlokovic et al., Neurosurgery 40 805-813 (1997)	<input type="checkbox"/>

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**U.S.PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code†	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	4683195		1987-07-28	Mullis et al.	
	2	4683202		1987-07-28	Mullis	
	3	4800159		1989-01-24	Mullis et al.	
	4	4888829		1989-12-26	Kleinerman et al.	
	5	4965188		1990-10-23	Mullis et al.	
	6	5236908		1993-08-17	Gruber et al.	
	7	5354326		1994-10-11	Comben et al.	
	8	5534350		1996-07-09	Liou	

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9	5624803		1997-04-29	Noonberg et al.	
10	5639275		1997-06-17	Baetge et al.	
11	5702716		1997-12-30	Dunn et al.	
12	5720720		1998-02-24	Laske et al.	
13	5735814		1998-04-07	Elsberry et al.	
14	5782892		1998-07-21	Castle et al.	
15	5800390		1998-09-01	Hayakawa et al.	
16	5814014		1998-09-29	Elsberry et al.	
17	5840059		1998-11-24	March et al.	
18	5882561		1999-03-16	Barsoum et al.	
19	5925310		1999-07-20	Nakayama et al.	

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20	5942455	1999-08-24	Barsoum et al.	
21	5968059	1999-10-19	Ellis et al.	
22	5997525	1999-12-07	March et al.	
23	6042579	2000-03-28	Elsberry et al.	
24	6093180	2000-07-25	Elsberry	
25	6110459	2000-08-29	Mickle et al.	
26	6151525	2000-11-21	Soykan et al.	
27	6180613	2001-01-30	Kaplitt et al.	
28	6187906	2001-02-13	Gluckman et al.	
29	6231969	2001-05-15	Knight et al.	
30	6245884	2001-06-12	Hook	

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31	6281009	2001-08-28	Boyce	
32	6291243	2001-09-18	Fogarty et al.	
33	6294202	2001-09-25	Burns et al.	
34	6300539	2001-10-09	Morris	
35	6310048	2001-10-30	Kumar	
36	6313268	2001-11-06	Hook	
37	6319905	2001-11-20	Mandel et al.	
38	6343233	2002-01-29	Werner et al.	
39	6372250	2002-04-16	Pardridge	
40	6372721	2002-04-16	Neuman et al.	
41	6376471	2002-04-23	Lawrence, III et al.	

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42	6436392		2002-08-20	Engelhardt et al.	
43	6436708		2002-08-20	Leone et al.	
44	6461989		2002-10-08	El-Raghy et al.	
45	6468524		2002-10-22	Chiorini et al.	
46	6551290		2003-04-22	Elsberry et al.	
47	6594880		2003-07-22	Elsberry	
48	6609020		2003-08-19	Gill	
49	6632671		2003-10-14	Unger	
50	6659995		2003-12-09	Taheri	

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U.S. PATENT APPLICATION PUBLICATIONS

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Not for submission under 37 CFR 1.99)</small>	Application Number	10721693
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	Art Unit	1635
	Examiner Name	L. Wollenberger
	Attorney Docket Number	48169.00016/P0011089.00

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code†	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
1	6870030			2005-03-22	Powell et al.	
2	6945969			2005-09-20	Morris et al.	
3	7320965			2008-01-22	Sah et al.	
4	6309634			2001-10-30	Bankiewicz et al.	
5	6372250			2002-04-16	Pardridge	

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U.S.PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code†	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
1	20060009408			2006-01-12	Davidson et al.	

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2	20010027309	2001-10-04	Elsberry	
3	20010031947	2001-10-18	Heruth	
4	20020004038	2002-01-10	Baugh et al.	
5	20020068093	2002-06-06	Trogolo et al.	
6	20030078229	2003-04-24	Cooper et al.	
7	20030088236	2003-05-08	Johnson et al.	
8	20030095958	2003-05-22	Bhisetti et al.	
9	20030109476	2003-06-12	Kmiec et al.	
10	20030120282	2003-06-26	Scouten et al.	
11	20030143732	2009-03-20	Fosnaugh et al.	
12	20030152947	2003-08-14	Crossman	

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13	20030190635	2003-10-09	McSwiggen	
14	20030224512	2003-12-04	Dobie	
15	20040023390	2004-02-05	Davidson	
16	20040186422	2004-09-23	Rioux, Robert	
17	20040215164	2004-10-28	Abott, Chun Lim	
18	20040220132	2004-11-04	Kaemmerer, William F.	
19	20040258666	2004-12-23	Passini, Marco A.	
20	20040259247	2004-12-23	Tuschl, Thomas	
21	20040265849	2004-12-30	Cargill, Michele	
22	20040266707	2004-12-30	Leake, Devin	
23	20050032733	2005-02-10	McSwiggen, James	

**INFORMATION DISCLOSURE
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24	20050042646		2005-02-24	Davidson, Beverly L.	
25	20050048641		2005-03-03	Hildebrand, Keith	
26	20050137134		2005-06-23	Gill, Steven S.	
27	20050153353		2005-07-14	Meibohm, Bernd	
28	20050180955		2005-08-18	Bankiewicz, Krys	
29	20050202075		2005-09-15	Pardridge, William M.	
30	20050209179		2005-09-22	McSwiggen, James	
31	20050255086		2005-11-17	Davidson, Beverly L.	
32	20050282198		2005-12-22	Duff, Gordon W.	
33	20060014165		2006-01-19	Hackonarson, Hakon	
34	20060041242		2006-02-23	Stypulkowski, Paul H.	

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35	20060150747	2006-07-13	Mallett, Scott	
36	20060224411	2006-10-05	Chang, Sheng-Yen	
37	20060257912	2006-11-16	Kaemmerer, William F.	
38	20070184029	2007-08-09	Mishra, Allan	
39	20080113351	2008-05-15	Naito, Yuki	
40	20090022864	2009-01-22	Steenhof, Vincent Jan	
41	20020114780	2002-08-22	Bankiewicz, Krys	
42	20020141980	2002-10-03	Bankiewicz, Krys	
43	20020187127	2002-12-12	Bankiewicz, Krys	

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FOREIGN PATENT DOCUMENTS

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Examiner Initial*	Cite No	Publication Number	Kind Code†	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20030092003		2003-05-15	Blatt et al.	
	2	20030175772		2003-09-18	Wang, Jiwu	
	3	20040018520		2004-01-29	Thompson, James	
	4	20040023390		2004-02-05	Davidson et al.	
	5	20040023855		2004-02-05	John et al.	

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6	20050096284		2005-05-05	McSwiggen, James	
7	20060210538		2006-09-21	Kaplitt et al.	
8	20070031844		2007-02-08	Khvorova et al.	
9					

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FOREIGN PATENT DOCUMENTS

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3	WO2005116204		WO		2005-08-12	RNAi Co., Ltd.		<input type="checkbox"/>
4	WO2008021157		WO		2008-02-21	Stewart et al.		<input type="checkbox"/>

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1

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FOREIGN PATENT DOCUMENTS

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	2	WO200205804	WO		2002-01-24	Smithkline Beecham		<input type="checkbox"/>
	3	WO200030567	WO		2000-06-02	Healthshield Tech. LLC		<input type="checkbox"/>
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	5	WO200622639	WO		2006-03-02	Applera Corporation		<input type="checkbox"/>
	6	WO200116312	WO		2001-03-08	Ribozyme Pharma.		<input type="checkbox"/>
	7	WO2001049844	WO		2001-07-12	Rutgers		<input type="checkbox"/>
	8	WO200160794	WO		2001-08-23	The Reg. of Univ. Cal.		<input type="checkbox"/>

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9	WO200170276	WO		2001-09-27	US Government		<input type="checkbox"/>
10	WO200180840	WO		2001-11-01	BTG Int'l. Limited		<input type="checkbox"/>
11	WO200191801	WO		2001-12-06	Chiron Corporation		<input type="checkbox"/>
12	WO200207810	WO		2020-01-31	Medtronic, Inc.		<input type="checkbox"/>
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14	WO200342385	WO		2003-05-23	Epicore, Inc.		<input type="checkbox"/>
15	WO2003047676	WO		2003-06-12	Medtronic, Inc.		<input type="checkbox"/>
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**INFORMATION DISCLOSURE
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20	WO2004010787	WO		2004-02-05	Nissei Kab. Kaisha		<input type="checkbox"/>
21	WO2004013280	WO		2004-02-12	Univ. of Iowa R.F.		<input type="checkbox"/>
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23	WO2004047872	WO		2004-06-10	Medtronic, Inc.		<input type="checkbox"/>
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27	WO2004101063	WO		2004-11-25	Medtronic, Inc.		<input type="checkbox"/>
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30	WO2005120581	WO		2005-12-22	Genzyme Corporation		<input type="checkbox"/>

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35	WO2008143774	WO		2008-11-27	Univ. of Mass.		<input type="checkbox"/>
36	WO200846273	WO		2008-04-24	Huicai Wang		<input type="checkbox"/>
37	WO2004007718	WO		2004-01-22	Max Planck-Gellschaft...		<input type="checkbox"/>
38	WO2004013355	WO		2004-02-12	Univ. of Iowa		<input type="checkbox"/>
39	WO199220400	WO		1992-11-26	Sumitomo Pharma.		<input type="checkbox"/>
40	WO199323569	WO		1993-11-25	Ribozyme Pharma.		<input type="checkbox"/>
41	WO199402595	WO		1994-02-03	Ribozyme Pharma.		<input type="checkbox"/>

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42	WO199618736	WO		1996-06-20	Ribozyme Pharma.		<input type="checkbox"/>
43	WO199740847	WO		1997-11-06	Medtronic, Inc.		<input type="checkbox"/>
44	WO199846273	WO		1998-10-22	Paola Leone et al.		<input type="checkbox"/>
45	WO199846740	WO		1998-10-22	Antivirals, Inc.		<input type="checkbox"/>
46	WO199939744	WO		1999-08-12	Ohio State Univ.		<input type="checkbox"/>
47	WO199950300	WO		1999-10-07	The Trustees of PA Univ.		<input type="checkbox"/>

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NON-PATENT LITERATURE DOCUMENTS

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	1	Aebisher, Trends in Neurosci. 24(9) 553-540 (Sept. 2001)	<input type="checkbox"/>
	2	ALTSCHUL et al., "Gapped BLAST and PSO-BLAST: a new generation of protein database search programs," Nucl. Acids Res., 25(17): 3389-3402 (1997)	<input type="checkbox"/>
	3		<input type="checkbox"/>

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4	Ambion Inc., pSilencer™ 1.0-U6 siRNA Expression Vector, Catalog # 7207-20 µg, November 2004, Austin, TX, 6 pgs	<input type="checkbox"/>
5	Ambion Technical Bulletin #506 (as published on Nov. 16, 2002) downloaded from www.archive.org	<input type="checkbox"/>
6	Ambion, Inc., Silencer siRNA® Construction Kit, Cat. #1620, Instruction Manual, August 2005, 36 pgs.	<input type="checkbox"/>
7	AUSUBEL et al., Eds., Current Protocols in Molecular Biology, Vols 1-3, John Wiley & Sons, Inc., New York, NY, 1994; title page, publisher's page and table of contents only, 14 pgs.	<input type="checkbox"/>
8	BASI et al., "Antagonistic Effects of β-site Amyloid Precursor Protein-cleaving Enzymes 1 and 2 on β- Amyloid Peptide Production in Cells," J. Bio. Chem., Published, JBC Papers in Press, June 2003; 278(34): 31512-31520	<input type="checkbox"/>
9	Bass et al., Nature 411: 428-429 (2001)	<input type="checkbox"/>
10	Bertrand et al., Biochem Biophys Res Comm 296: 1000-1004 (2002)	<input type="checkbox"/>
11	Bodendorf et al., J. Neurochem. 80(5), 799-806 (Mar. 2002)	<input type="checkbox"/>
12	BOILLÉE et al., "Gene therapy for ALS deliver," Trends in Neurosciences, May 2004; 27(5): 235-238	<input type="checkbox"/>
13	BORTOLIN, Susan et al., "Analytical validation of the tag-it high-throughput microsphere-based universal array genotyping platform. Application to the multiplex detection of a panel of thrombophilia-associates single-nucleotide polymorphisms." American Association for Clinical Chemistry Vol 50(11) 2028-2036 (2004)	<input type="checkbox"/>
14	Brentano et al., P.N.A.S. 89:4099-4103 (1992)	<input type="checkbox"/>

**INFORMATION DISCLOSURE
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Attorney Docket Number	48169.00016/P0011089.00

15	Brummelkamp et al., <i>Science</i> 296: 550-553 (2002)	<input type="checkbox"/>
16	Burger et al., <i>Mol. Ther.</i> 10(2) 302-317 (Aug. 2004)	<input type="checkbox"/>
17	Cahill et al <i>Atlas of Human Cross-Sectional Anatomy</i> Wiley-Liss, 3rd Ed. (1995)	<input type="checkbox"/>
18	Cai et al., <i>Nat. Neurosci.</i> 4(3) 233-234 (2004)	<input type="checkbox"/>
19	Callahan <i>Am. J. Pathol.</i> 158(3) 1173-1177 (2001)	<input type="checkbox"/>
20	Caplen et al, <i>Human Mol. Genet.</i> 11(2) 175-184 (2002)	<input type="checkbox"/>
21	Chen et al., <i>Nucl. Acid. Res.</i> 20, 4581-4589 (1992)	<input type="checkbox"/>
22	Chi et al., "Genomewide view of gene silencing by small interfering RNAs," <i>Proc. Natl. Acad. Sci. USA</i> , May 2003; 100 (11): 6343-6346	<input type="checkbox"/>
23	Chowhury et al., <i>J. Biol. Chem.</i> 269, 25856-25863 (1994)	<input type="checkbox"/>
24	Christman, <i>Tissue Engineering</i> (10) 403-409 (2004)	<input type="checkbox"/>
25	Cioffi et al., <i>Biochem J.</i> 365: 833-840 (2002)	<input type="checkbox"/>

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26	Clark et al., Annals Int. Med. 138 400-411 (2003)	<input type="checkbox"/>
27	Clark et al., J. Neurosci. 17(19) 7385-7395 (1997)	<input type="checkbox"/>
28	Cleary et al., Nat. Neurosci. 8(1) 79-84 (ePub Dec. 19, 2004)	<input type="checkbox"/>
29	Couture et al., Trends in Genetics, 12(12) 510-515 (Dec. 1996)	<input type="checkbox"/>
30	Dai et al., Developmental Biology 285:80-90 (2005)	<input type="checkbox"/>
31	Davidson et al., The Lancet, Neurology 3, 145-149 (2004)	<input type="checkbox"/>
32	Demetriades J. Neurolog. Sci. 203-204, 247-251 (2002)	<input type="checkbox"/>
33	Dineley, J. Biol. Chem. 277 (25) 22768-22780 (2002)	<input type="checkbox"/>
34	Dorri et al., Exp. Neurology 147 48-54 (1997)	<input type="checkbox"/>
35	Dropulic et al., J. Virol. 66(1) 1432-1441 (1992)	<input type="checkbox"/>
36	DURING et al., "Subthalamic GAD GeneTransfer in Parkinson's Disease Patients Who Are Candidates for Deep Brain Stimulation," Human Gene Therapy, August 2001; 12(12): 1587-1598	<input type="checkbox"/>

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37	EiBashir, EMBOJ 20(23) 6877-6888 (2001)	<input type="checkbox"/>
38	Ezrin-Waters et al., Can. J. Neurol. Sci. 13, 8-14 (1986)	<input type="checkbox"/>
39	Fu et al., Mo. Ther. 8(6) 911-917 (Dec. 2003)	<input type="checkbox"/>
40	Gau, Am. J. Pathol., 160(2) 731-738 (2002)	<input type="checkbox"/>
41	GeneDetect.com Limited, Code GD100X-RV, (GeneDetect rAVE™ gene delivery reagent), copyright 2000-2002, Auckland, New Zealand, 2 pgs.	<input type="checkbox"/>
42	GERAERTS et al., Concise Review: Therapeutic Strategies for Parkinson Disease Based on Modulation of Adult Neurogenesis. Stem Cells, November 2, 2006, Vol. 25, No. 2, pages 263-270.	<input type="checkbox"/>
43	Gerlai Behav. Brain Res. 95 191-203 (1998)	<input type="checkbox"/>
44	Glorioso, Curr. Opinion in Drug Discovery & Dev't 5(2) Pharma Press ISSN 1367-6733 (2002)	<input type="checkbox"/>
45	Good et al., Gene Ther. 4: 45-54 (1997)	<input type="checkbox"/>

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	1	Goto et al., Neurology, 60(5) Suppl. 1 p. A286 (Mar 11, 2003)	<input type="checkbox"/>
	2	Harrison et al., Mol. Cel. Neurosci. 24(3) 646-655 (2003)	<input type="checkbox"/>
	3	Hartlage-Rubsamen et al., Glia 41(2) 169-179 (Dec. 28, 2002)	<input type="checkbox"/>
	4	Heale et al., Nucl. Acid. Res. 22(3), 2005	<input type="checkbox"/>
	5	Holen et al., Nucl. Acid Res. 30:1757-1766 (2002)	<input type="checkbox"/>
	6	HOMMEL et al., "Local gene knockdown in the brain using viral-mediated RNA interference," Nature Medicine, December 2003; 9(12); 1539-1544	<input type="checkbox"/>
	7	Hommel et al., Society for Neuroscience Abstract, 2003, Abstract 325.14 (2003).	<input type="checkbox"/>
	8	Hooper et al., Neuroscience 63, 917-924 (1995)	<input type="checkbox"/>
	9	Hsiao et al, Science 274 99-102(1996)	<input type="checkbox"/>
	10	Huwyler et al., "Brain drug delivery of small molecules using immunoliposomes," Proc. Natl. Acad., USA, November 1996;93:14164-14169.	<input type="checkbox"/>

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Attorney Docket Number	48169.00016/P0011089.00

11	Invitrogen, pShooter™ Vector (pCMV/myc© vectors). For the intracellular targeting of recombinant proteins and antibodies, Catalog nos. V820-20, V821-20, V822-20, V823-20, Version E, copyright 1998-2001, 35 pgs.	<input type="checkbox"/>
12	Invitrogen, pTRACER™-CMV2, Catalog nos. V885-01, V885-20, Version C, copyright 1998-2001, 21 pgs.	<input type="checkbox"/>
13	Isacson et al., Scandinavian Physiol. Society 179 173-177 (2003)	<input type="checkbox"/>
14	Izant et al., Science 299 345 (1985)	<input type="checkbox"/>
15	Kaemmerer et al., Soc. Neurosci. Meeting (October 26, 2004)	<input type="checkbox"/>
16	KAO et al., "BACE1 Suppression by RNA Interference in Primary Cortical Neurons," J. Bio. Chem., Published, JBC Papers in Press, November 2003, 2004; 279(3): 1942-1949	<input type="checkbox"/>
17	Kashani-Sabet et al., Antisense Res. Dev. 2: 3-15 (1992)	<input type="checkbox"/>
18	Katz et al., Bioessays 11(6): 181-185 (Dec. 1989)	<input type="checkbox"/>
19	Kawarabayashi et al., J. Neurosci. 372-381 (2001)	<input type="checkbox"/>
20	Kenderell et al., (2000) Nat. Biotech. 17, 896-898 (2000)	<input type="checkbox"/>
21	King et al., Physiology & Behavior, 75: 627-642, 2002	<input type="checkbox"/>

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22	Kitabwala et al., New England J. Med. 347(17) 1364-1367 (Oct 24, 2002)	<input type="checkbox"/>
23	Kitazume J. Biol. Chem. 280(9) 8589-8595 (Mar. 4, 2005)	<input type="checkbox"/>
24	Klement et al., Cell 95 41-53 (1998)	<input type="checkbox"/>
25	L'Huillier et al., EMBO J. 11(12), 4411-4418 (1992)	<input type="checkbox"/>
26	Laird et al., J. Neurosci. 25, 11693-11709 (Dec. 14, 2005)	<input type="checkbox"/>
27	Le Gal La Salle et al, Science 259, 988-990 (1993)	<input type="checkbox"/>
28	Li et al., Mol. Cell Bio. 22 (5) 1277-1287 (2002)	<input type="checkbox"/>
29	Liszewicz et al., Proc. Nat. Acad. Sci 90 8000-8004 (Sept 1993)	<input type="checkbox"/>
30	Liu et al., Proc. Japan Academy, Series B, Physical and Biol. Sciences 79(10) 293-298 (Dec. 1993)	<input type="checkbox"/>
31	Luo et al., Neurobiol. Dis. 14(1), 81-88 (Oct. 2003)	<input type="checkbox"/>
32		<input type="checkbox"/>

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33	Luo, Nat. Neurosci. 4, 231-232 (2001)	<input type="checkbox"/>
34	MACDONALD, M. et al., "A novel gene containing a trinucleotide repeat that is expanded and unstable on huntington's disease chromosomes," Cell, Vol. 72, 971-983 (1993)	<input type="checkbox"/>
35	MAS-MONTEYS, A. et al., "Allele-Specific silencing of mutant huntingtin for huntington's disease therapy", Molecular Therapy 13: S274-S275 (2006)	<input type="checkbox"/>
36	Matilla et al., J. Neurosci 18, 5508-5516 (1998)	<input type="checkbox"/>
37	McGarry et al., Proc. Natl Acad. Sci. 83, 399-403 (1986)	<input type="checkbox"/>
38	McManus et al., Nature Reviews/Genetics 3, 737-747 (Oct. 2002)	<input type="checkbox"/>
39	Menei et al Neurosurgery 34: 1058-1064 (1994)	<input type="checkbox"/>
40	Messier et al., Pharm. Biochem Behavior 63 313-318 (1999)	<input type="checkbox"/>
41	Miller et al Proc. Nat. Acad. Sci. 100(12) 7195-7200 (June 10 2003)	<input type="checkbox"/>
42	MIRUS, TransIT-Neural® Transfection Reagent, Product Nos. MIR 2144, MIR 2140, MIR 2145, MIR 2146, Lit. # ML022, Rev. 3/2/05, 5 pgs.	<input type="checkbox"/>
43	MIRUS, Transit-TKO® Transfection Reagent, Product Nos. MIR 2154, MIR 2150, MIR 2155, MIR 2156, Lit. # ML015, Rev. 7/04, 6 pgs.	<input type="checkbox"/>

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44	Mogan et al., JECT 36: 191-196 (2004)	<input type="checkbox"/>
45	Morel et al., J. Comparative Neurology 387, 588-630 (1997)	<input type="checkbox"/>
46	Mucke et al., J. Neurosci. 20(11) 4050-4058 (Jun. 1, 2000)	<input type="checkbox"/>
47	Naldini et al., Proc. Nat. Acad. Sci. 93, 11382-11388 (Oct. 1996)	<input type="checkbox"/>
48	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, "What does NCBI do?" [online]. Bethesda, MD [retrieved on 2005-12-05]. Revised December 2005. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov >; 2 pgs.	<input type="checkbox"/>
49	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus AF163864, Accession No. AF163864, "Homo sapiens SNCA isoform (SNCA) gene, complete cds, alternatively spliced," [online]. Bethesda, MD [retrieved on 2004-06-21]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=11118351 >; 43 pgs.	<input type="checkbox"/>
50	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus AF163865, Accession No. AF163865, "Mus musculus alpha-synuclein (Snca) gene, complete cds," [online]. Bethesda, MD [retrieved on 2004-06-21]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=11118354 >; 33 pgs.	<input type="checkbox"/>

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1	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus AH003045, Accession No. AH003045, "Homo sapiens huntingtin (HD) gene, exon 1," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=663286 >; 42 pgs. <input type="checkbox"/>
2	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000027, Accession No. NM_000027, "Homo sapiens aspartylglucosaminidase (AGA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=32313568 >; 4 pgs. <input type="checkbox"/>
3	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000046, Accession No. NM_000046, "Homo sapiens arylsulphatase B (ARSB), transcript variant 1, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=38569404 >; 4 pgs. <input type="checkbox"/>
4	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000049, Accession No. NM_000049, "Homo sapiens aspartoacylase (aminoacylase 1, Canavan disease) (ASPA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4557334 >; 4 pgs. <input type="checkbox"/>
5	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000147, Accession No. NM_000147, "Homo sapiens fucosidase, alpha-L, tissue (FUC1A), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=24475878 >; 3 pgs. <input type="checkbox"/>
6	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000152, Accession No. NM_000152, "Homo sapiens glucosidase, alpha; acid (Pompe disease, glycogen storage disease type II) (GAA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=11496988 >; 4 pgs. <input type="checkbox"/>
7	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000153, Accession No. NM_000153, "Homo sapiens galactosylceramidase (Krabbe disease) (GALC), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4557612 >; 5 pgs. <input type="checkbox"/>
8	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000157, Accession No. NM_000157, "Homo sapiens glucosidase, beta; acid (includes glucosylceramidase) (GBA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4503934 >; 7 pgs. <input type="checkbox"/>
9	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000158, Accession No. NM_000158, "Homo sapiens glucan (1, 4-alpha-), branching enzyme 1 (glucogen branching enzyme, Andersen disease, glycogen storage disease type IV)(GBE1), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4557618 >; 2 pgs. <input type="checkbox"/>
10	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000181, Accession No. NM_000181, "Homo sapiens glucuronidase, beta (GUSB), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4504222 >; 4 pgs. <input type="checkbox"/>
11	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000199, Accession No. NM_000199, "Homo sapiens N-sulfoglucosamine sulfohydrolase (sulfamidase) (SGSH), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=31543619 >; 3 pgs. <input type="checkbox"/>

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12	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000202, Accession No. NM_000202, "Homo sapiens iduronate 2-sulfatase (Hunter syndrome)(ID), transcript variant 1, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=5360215 >; 8 pgs.	<input type="checkbox"/>
13	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000203, Accession No. NM_000203, "Homo sapiens iduronidase, alpha-L-(IDUA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=40354208 >; 6 pgs.	<input type="checkbox"/>
14	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000235, Accession No. NM_000235, "Homo sapiens lipase A, lysosomal acid, cholesterol esterase (Wolman disease) (LIPA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4557720 >; 4 pgs.	<input type="checkbox"/>
15	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000262, Accession No. NM_000262, "Homo sapiens N-acetylglucosaminidase, alpha- (NAGA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4557780 >; 4 pgs.	<input type="checkbox"/>
16	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000263, Accession No. NM_000263, "Homo sapiens N-acetylglucosaminidase, alpha-(Sanfilippo disease) (IIIB)(NAGLU), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=40548380 >; 4 pgs.	<input type="checkbox"/>
17	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000310, Accession No. NM_000310, "Homo sapiens palmitoyl-protein thioesterase 1 (ceroid-lipofuscinosis, neuronal 1, infantile) (PTP1), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4506030 >; 4 pgs.	<input type="checkbox"/>
18	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000332, Accession No. NM_000332, "Homo sapiens spinocerebellar ataxia 1 (olivopontocerebellar ataxia 1, autosomal dominant, ataxin 1) (SCA1), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4506792 >; 7 pgs.	<input type="checkbox"/>
19	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000345, Accession No. NM_000345, "Homo sapiens synuclein, alpha (nonA4 component of amyloid precursor) (SNCA), transcript variant NACP140, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=6806896 >; 5 pgs.	<input type="checkbox"/>
20	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000404, Accession No. NM_000404, "Homo sapiens glucosidase, beta 1 (GLB1), transcript variant 179423, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=10834965 >; 5 pgs.	<input type="checkbox"/>
21	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000434, Accession No. NM_000434, "Homo sapiens sialidase 1 (lysosomal sialidase)(NEU1), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=40806202 >; 5 pgs.	<input type="checkbox"/>
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23	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000487, Accession No. NM_000487, "Homo sapiens arysulfatase A (ARSA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=7262293 >; 4 pgs. <input type="checkbox"/>
24	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000512, Accession No. NM_000512, "Homo sapiens galactosamine (N-acetyl)-6-sulfate sulfatase (Morquio syndrome, mucopolysaccharidosis type IV A), (GALNS), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=9945384 >; 4 pgs. <input type="checkbox"/>
25	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000520, Accession No. NM_000520, "Homo sapiens hexosaminidase A (alpha polypeptide) (HEXA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=13128865 >; 5 pgs. <input type="checkbox"/>
26	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000521, Accession No. NM_000521, "Homo sapiens hexosaminidase B (beta polypeptide) (HEXB), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=13128866 >; 6 pgs. <input type="checkbox"/>
27	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000528, Accession No. NM_000528, "Homo sapiensmannosidase, alpha, class 2B, member 1 (MAN2B1), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=10834967 >; 4 pgs. <input type="checkbox"/>
28	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_000543, Accession No. NM_000543, "Homo sapiens sphingomyelin phosphodiesterase 1 acid lysosomal (acid sphingomyelinase) (SMPD1), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=40254417 >; 5 pgs. <input type="checkbox"/>
29	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_002076, Accession No. NM_002076, "Homo sapiens glucosamine (N-acetyl)-6-sulfatase (Sanfilippo disease)(IID)(GNS), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=42490755 >; 7 pgs. <input type="checkbox"/>
30	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_002778, Accession No. NM_002778, Accession No. NM_000169, "Homo sapiens glucosidase, alpha (GLA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=4504008 >; 4 pgs. <input type="checkbox"/>
31	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_002778, Accession No. NM_002778, "Homo sapiens prosaposin (variant Gaucher disease and variant metachromatic leukodystrophy) (PSAP), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=11386146 >; 8 pgs. <input type="checkbox"/>
32	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_004315, Accession No. NM_004315, "Homo sapiens N-acylsphingosine amidohydrolase (acid ceramidase) 1 (ASAH1), transcript variant 2, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=30089929 >; 5 pgs. <input type="checkbox"/>
33	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_004993, Accession No. NM_004993, "Homo sapiens Machado-Joseph disease (spinocerebellar ataxia 3, olivopontocerebellar ataxia 3, autosomal dominant, ataxin 3) (MJD), transcript variant 1, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=13518018 >; 9 pgs. <input type="checkbox"/>

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34	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_005908, Accession No. NM_005908, "Homo sapiens mannosidase, beta A, lysosomal (MANBA), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=24797157 >; 4 pgs. <input type="checkbox"/>
35	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_007308, Accession No. NM_007308, "Homo sapiens synuclein, alpha (nonA4 component of amyloid precursor) (SNCA), transcript variant NACP112, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=6806897 >; 5 pgs. <input type="checkbox"/>
36	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_009124, Accession No. NM_009124, "DEFINITION," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=33636695 >; 5 pgs. <input type="checkbox"/>
37	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_011792, Accession No. NM_011792, Version NM_011792.2, "Mus musculus beta-site APP cleaving enzyme 1 (Bace 1), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=31981411 >; 5 pgs. <input type="checkbox"/>
38	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_011792.2, Accession No. NM_011792, "Mus musculus beta-site APP cleaving enzyme (Bace), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=6857758 >; 4 pgs. <input type="checkbox"/>
39	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_012104, Accession No. NM_012104, "Homo sapiens beta-site APP-cleaving enzyme 1 (BACE1), transcript variant a, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=46255011 >; 8 pgs. <input type="checkbox"/>
40	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_012104, Accession No. NM_012104, Version NM_012104.2, "Homo sapiens beta-site APP-cleaving enzyme (BACE), transcript variant a, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=21040369 >; 10 pgs. <input type="checkbox"/>
41	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_013995, Accession No. NM_013995, "Homo sapiens lysosomal-associated membrane protein 2 (LAMP2), transcript variant LAMP2B, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=7669502 >; 6 pgs. <input type="checkbox"/>
42	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_030660, Accession No. NM_030660, "Homo sapiens Machado-Joseph disease (spinocerebellar ataxia 3, olivopontocerebellar ataxia 3, autosomal dominant, ataxin 3) (MJD), transcript variant 2, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=13518012 >; 8 pgs. <input type="checkbox"/>
43	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_032520, Accession No. NM_032520, "Homo sapiens N-acetylglucosamine-1-phosphotransferase, gamma subunit (GNPTAG), mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=42476109 >; 5 pgs. <input type="checkbox"/>
44	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_138971, Accession No. NM_138971, "Homo sapiens beta-site APP-cleaving enzyme 1 (BACE1), transcript variant c, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=46255012 >; 8 pgs. <input type="checkbox"/>

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45	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_138971, Accession No. NM_138971, Version NM_138971.1, "Homo sapiens beta-site APP-cleaving enzyme (BACE), transcript variant c, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=21040363>; 10 pgs. <input type="checkbox"/>
46	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_138972, Accession No. NM_138972, Version NM_138972.1, "Homo sapiens beta-site APP-cleaving enzyme 1 (BACE1), transcript variant b, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=46255013>; 8 pgs. <input type="checkbox"/>
47	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_138972, Accession No. NM_138972, Version NM_138972.1, "Homo sapiens beta-site APP-cleaving enzyme (BACE), transcript variant b, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=21040365>; 10 pgs. <input type="checkbox"/>
48	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_138973, Accession No. NM_138973, "Homo sapiens beta-site APP-cleaving enzyme 1 (BACE1), transcript variant d, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=46255014>; 8 pgs. <input type="checkbox"/>
49	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus NM_138973, Accession No. NM_138973, Version NM_138973.1, "Homo sapiens beta-site APP-cleaving enzyme (BACE), transcript variant d, mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=21040367>; 10 pgs. <input type="checkbox"/>
50	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus U24233, Accession No. U24233, "Mus musculus huntingtin (Hd) mRNA, complete cds," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet: <URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=902003>; 5 pgs. <input type="checkbox"/>

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1	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus XM_032588, Accession No. XM_032588, "homo sapiens dentatorubral-pallidoluysian atrophy (atrophin-1) (DRPLA) mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=20555988>; 3 pgs.	<input type="checkbox"/>
2	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus XM_132846, Accession No. XM_132846, "Mus musculus dentatorubral pallidoluysian atrophy (Drpla) mRNA," [online]. Bethesda, MD [retrieved on 2009-03-05]. Retrieved from the Internet:<URL: http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=20832263>; 3 pgs.	<input type="checkbox"/>
3	Noonberg et al., Nucl. Acid Res. 22(14) 2830-2836 (1994)	<input type="checkbox"/>
4	Noordmans et al., Soc. Neurosci. Abstr. 27, Program 572.14 (2001)	<input type="checkbox"/>
5	Ohkawa Nucl. Acid. Symp. Ser. 27, 15-16 (1992)	<input type="checkbox"/>
6	OHNO et al., "BACE1 Deficiency Rescues Memory Deficits and Cholinergic Dysfunction in a Mouse Model of Alzheimer's Disease," Neuron, January 2004; 41: 27-33	<input type="checkbox"/>
7	Ojwang et al., Proc. Nat. Acad. Sci. 89 10802-10806	<input type="checkbox"/>
8	Paxinos et al The Mouse Brain in Stereotactic Coordinates, Acad. Press 2nd Ed. (2001)	<input type="checkbox"/>
9	POTTER, N. T. et al., "Technical standards and guidelines for huntington disease testing." Genetics in Medicine 6:61-65 (2004)	<input type="checkbox"/>
10	Promega Corporation, T4 DNA Ligase Blue/White Cloning Qualified, Part# 9PIM180, Revised 4/05, 2 pgs	<input type="checkbox"/>
11	Promega Corporation, T4 DNA Polymerase(a) , Part# 9PIM421, Revised 5/04, 2 pgs	<input type="checkbox"/>

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	12	Qiagen, Qiaex II Handbook, February 1999, 24 pgs.	<input type="checkbox"/>
	13	Qiagen, Rneasy Mini Handbook, 3rd Edition, June 2001, 116 pgs.	<input type="checkbox"/>
	14	R&D Systems, β -Secretase Activity Kit, Catalog Number FP002, 08/02, 2 pgs.	<input type="checkbox"/>
	15	ROBERDS et al., "BACE knockout mice are healthy despite lacking the primary β -secretase activity in brain: implications for Alzheimer's disease therapeutics," Human Molecular Genetics, June 2001; 10(12): 1317-1324	<input type="checkbox"/>
	16	Ryu, Biomaterials 26: 319-326 (2005)	<input type="checkbox"/>
	17	Salehi et al., J. Neural Transm. 106 955-986 (1999)	<input type="checkbox"/>
	18	Sapru et al., Annual Meeting Soc. Neurosci. Abstract 297.9, XP001204566 (2003)	<input type="checkbox"/>
	19	Sarver et al., Science 247, 1222-1225 (1990)	<input type="checkbox"/>
	20	Scanlon et al., Proc. Nat. Acad. Sci. 88, 10591-10595 (1995)	<input type="checkbox"/>
	21	SCHENK, "Amyloid- β immunotherapy for Alzheimer's disease: the end of the beginning," Nature Reviews - Neuroscience, October 2002; 3: 824-828	<input type="checkbox"/>
	22	Scherr et al., Cell Cycle 2(3) 251-257 (2003)	<input type="checkbox"/>

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	23	Serra et al., Medical Image Analysis 1(4) 317-329 (1996)	<input type="checkbox"/>
	24	Singer et al., Nat. Neurosci. 8(10) 1343-1349 (ePub Aug 28, 2005)	<input type="checkbox"/>
	25	Stackman et al., Experimental Neurology 184, 510-520 (2003)	<input type="checkbox"/>
	26	Stratogene, AAV Helper-Free System, Instruction Manual, Catalog #240071, #240074, #240075, Revision #0840071, August 2004, 50 pgs	<input type="checkbox"/>
	27	Stratogene, pBluescript® II Phagemid Vectors, Instruction Manual, Catalog #212205, #212206, #212207, #212208, Revision #083001m, August 2003, 35 pgs	<input type="checkbox"/>
	28	Sullenger, Science 262, p. 1566 (12.03.1993)	<input type="checkbox"/>
	29	Taira et al., Nucl. Acid. Res. 19(19) 5125-5130 (1991)	<input type="checkbox"/>
	30	Thompson et al., Nucl. Acid. Res. 23(12), 2259 (1995)	<input type="checkbox"/>
	31	Timson et al., Biochem J 363:515-520 (2002)	<input type="checkbox"/>
	32		<input type="checkbox"/>
	33		<input type="checkbox"/>

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34	Tusclj Lab, "The siRNA user guide," Revised May 2004, [online]. Retrieved on 2005-11-29. Retrieved from the Internet: <URL:rockefeller.edu/labheads/tusclj/sima.html>, 6 pgs.	<input type="checkbox"/>
35	Valbonesi et al., Transf. And Apheresis Sci. 30: 153-156 (2004)	<input type="checkbox"/>
36	VAN BILSEN et al., "Identification and allele-specific silencing of the mutant huntingtin allele in Huntington's disease patient-derived fibroblasts," Human Gene Therapy, Vol. 19, pp. 710-718 (2008)	<input type="checkbox"/>
37	Vassar et al., Science 286 735-741 (1999)	<input type="checkbox"/>
38	Ventura et al., Nucl. Acid. Res. 21(14) 3249-3255 (1993)	<input type="checkbox"/>
39	Vickers, Journal of Bio. Chemistry, Vol. 278, No. 9 7108-7118 (2003)	<input type="checkbox"/>
40	Watanabe et al., J. Mol. Cel. Card. 37 (3) 691-698 (2004)	<input type="checkbox"/>
41	Weerasinghe et al., J. Virol. 65(10), 5531-3334 (1991)	<input type="checkbox"/>
42	Whitesell et al., Proc. Nat. Acad. Sci. 90: 4665-4669 (1993)	<input type="checkbox"/>
43	Xia et al., Nat. Biotech. 20, 1006-1010 (2002)	<input type="checkbox"/>
44	Xia et al., Nat. Med. 10(8) 816-820 (2004)	<input type="checkbox"/>

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	45	Yamamoto et al., Cell 101, 57-66 (2000)	<input type="checkbox"/>
	46	Yu et al., Proc. Nat. Acad. Sci. 90 6340-6344 (1993)	<input type="checkbox"/>
	47	Yu et al., Proc. Nat. Acad. Sci. 99 6047-6052 (2002)	<input type="checkbox"/>
	48	Zhang et al., "Global Non-Viral Gene Transfer to the Primate Brain Following Intravenous Administration," Molecular Therapy, January 2003; 7(1): 11-18.	<input type="checkbox"/>
	49	Zhang et al., "In vivo knockdown of gene expression in brain cancer with intravenous RNAi in adult rats," J. Gene Med., 2003; 5:1039-1045; published online 4 August 2003.	<input type="checkbox"/>
	50	Zhang et al., "Intravenous RNA Interference Gene Therapy Targeting the Human Epidermal Growth Factor Receptor Prolongs Survival in Intracranial Brain Cancer," Clinical Cancer Research, June 1, 2004; 10:3657-3677.	<input type="checkbox"/>

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1	Zhang et al., 1996 J. Mol. Neurosci. 7: 13-28 (1996)	<input type="checkbox"/>
2	Zhao et al., J. Biol. Chem. 271(49), 31407-31411 (Dec. 1996).	<input type="checkbox"/>
3	Zlokovic et al., Neurosurgery 40 805-813 (1997)	<input type="checkbox"/>

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